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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C12N 15/12, 15/16, 15/63, 15/70, 1/21, C07K 14/47, 14/575	A1	(11) International Publication Number: **WO 96/24670** (43) International Publication Date: 15 August 1996 (15.08.96)

(21) International Application Number: PCT/US96/01411

(22) International Filing Date: 29 January 1996 (29.01.96)

(30) Priority Data:
08/384,493   6 February 1995 (06.02.95)   US
08/451,250   26 May 1995 (26.05.95)   US

(60) Parent Application or Grant
   (63) Related by Continuation
     US   08/384,493 (CIP)
     Filed on   6 February 1995 (06.02.95)

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(81) Designated States: AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published
With international search report.

(54) Title: HUMAN OBESITY GENE

(57) Abstract

The invention includes isolated DNA molecules that encode two different forms of the human *ob* gene product which regulate obesity in mammals, especially humans. Preferred embodiments of the native DNA encoding these two protein forms are disclosed. The invention further embraces vectors comprising the DNA, and methods for expressing these *ob* gene products.